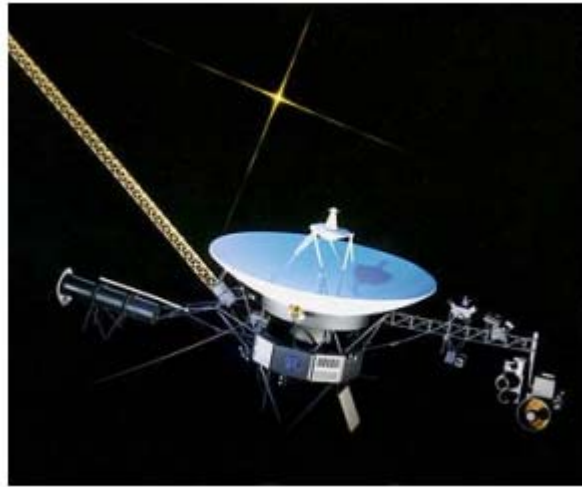


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: August 3, 2022

For the Period: 08/04/22 to 08/22/22 (22/216 – 22/234)



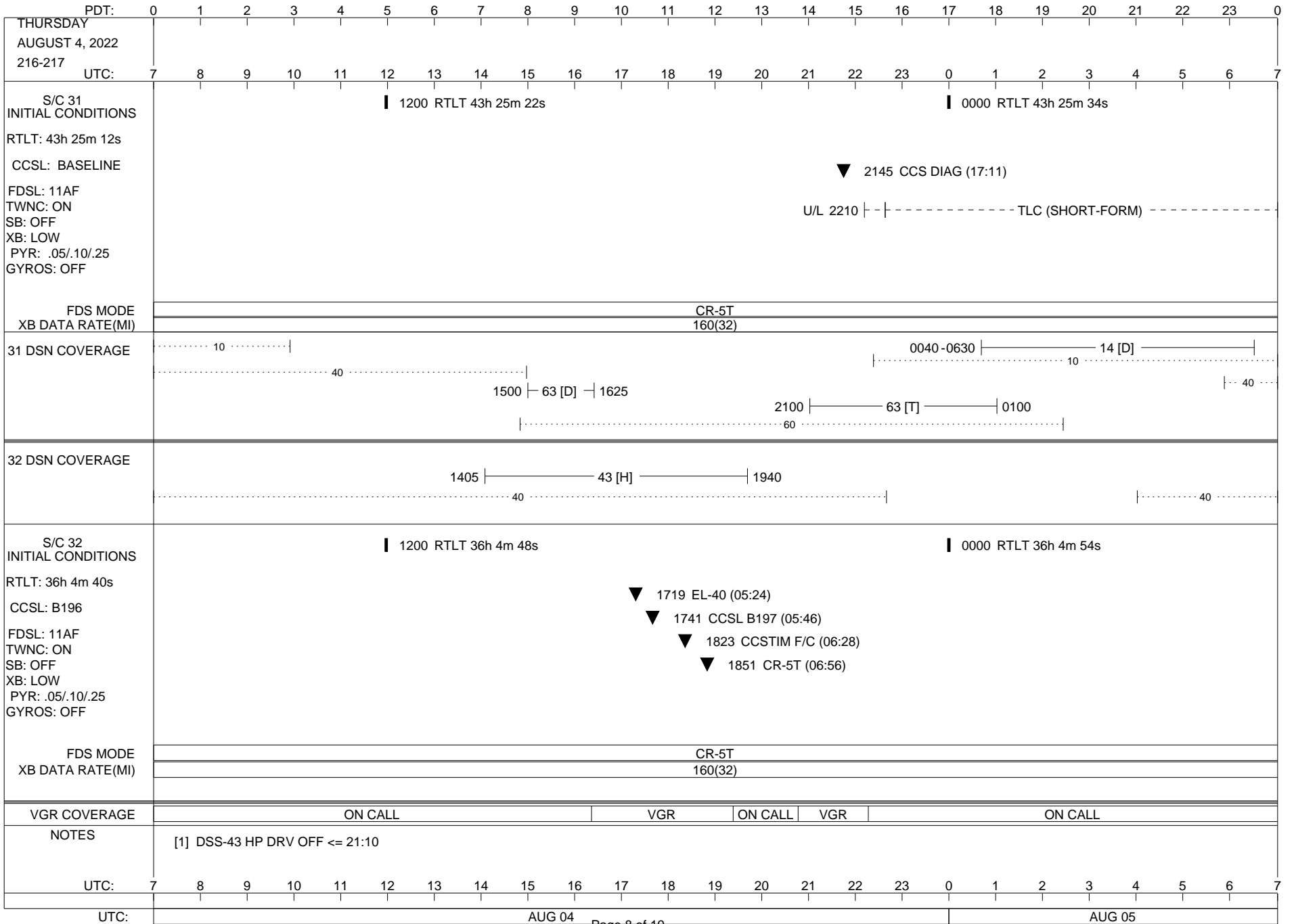
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**LEGEND:**

- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

02/27/19

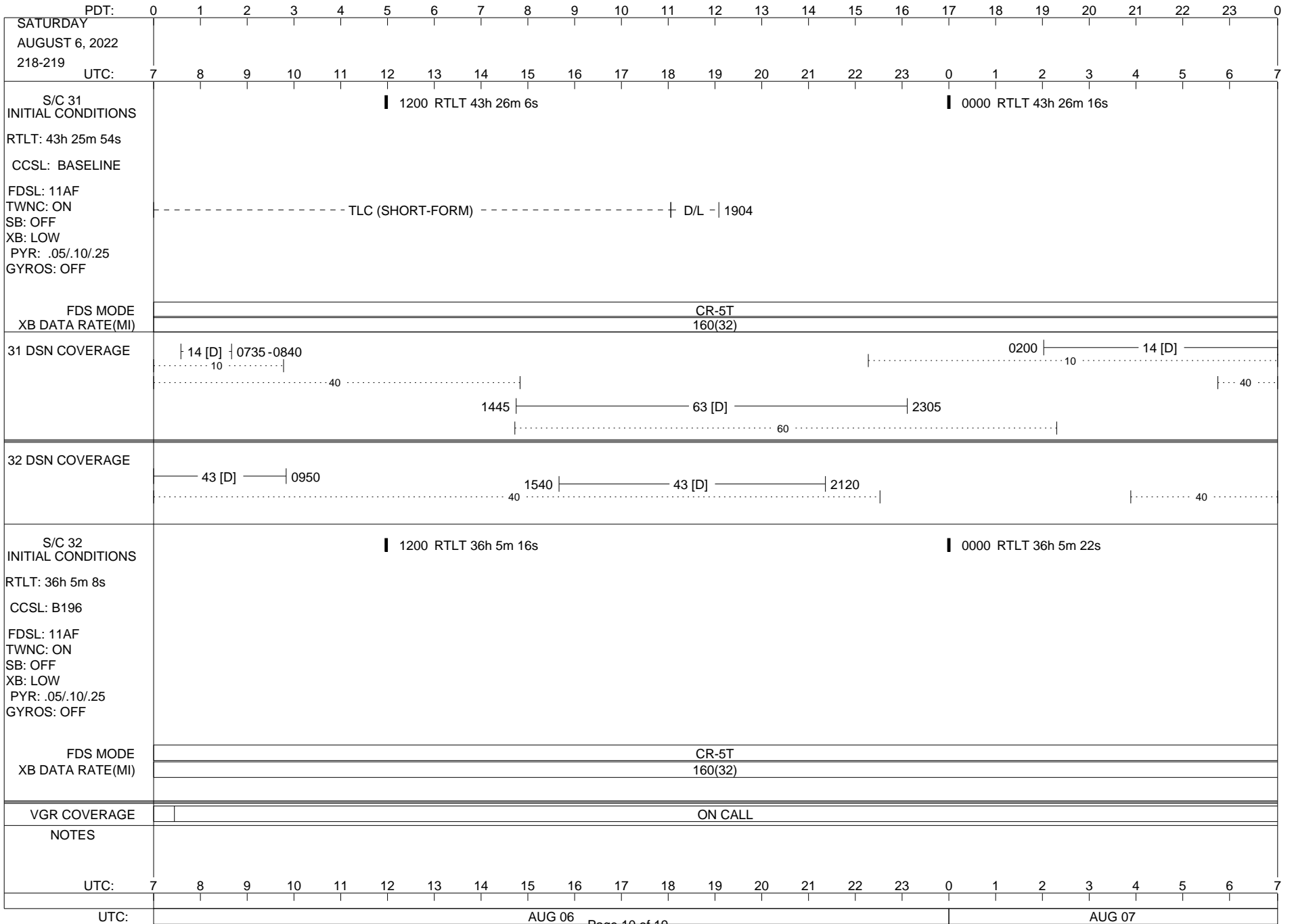
ISSUE DATE: 08/03/22 12:37



ISSUE DATE: 08/03/22 12:37

PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
FRIDAY AUGUST 5, 2022 217-218																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 43h 25m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 25m 44s												0000 RTLT 43h 25m 54s															
----- TLC (SHORT-FORM) -----																												
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE	..... 10 .....												..... 10 .....															
	..... 40 .....												..... 40 .....															
	1610  ----- 63 [D] -----  2305												..... 60 .....															
32 DSN COVERAGE	0755  ----- 43 [D] -----  1420												0515   43 [D]  -----															
	..... 40 .....												..... 40 .....															
S/C 32 INITIAL CONDITIONS RTLT: 36h 4m 54s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 5m 2s												0000 RTLT 36h 5m 8s															
													B197 CHKSUM 0552 *   0556															
													CCSTIM 0628-0649     *															
													FINE 0628-0635															
													COARSE 0646-0649															
													EL-40 0525 ↓ *															
													CR-5T 0656 ↓ *															
FDS MODE	CR-5T												EL-40															
XB DATA RATE(MI)	160(32)												40(30)															
VGR COVERAGE	ON CALL																					VGR						
NOTES	[1] SC 32=EL-40 XB=40(30) @ 0525 [2] SC 32=CR-5T XB=160(32) @ 0656																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
UTC:	AUG 05														AUG 06													

ISSUE DATE: 08/03/22 12:37

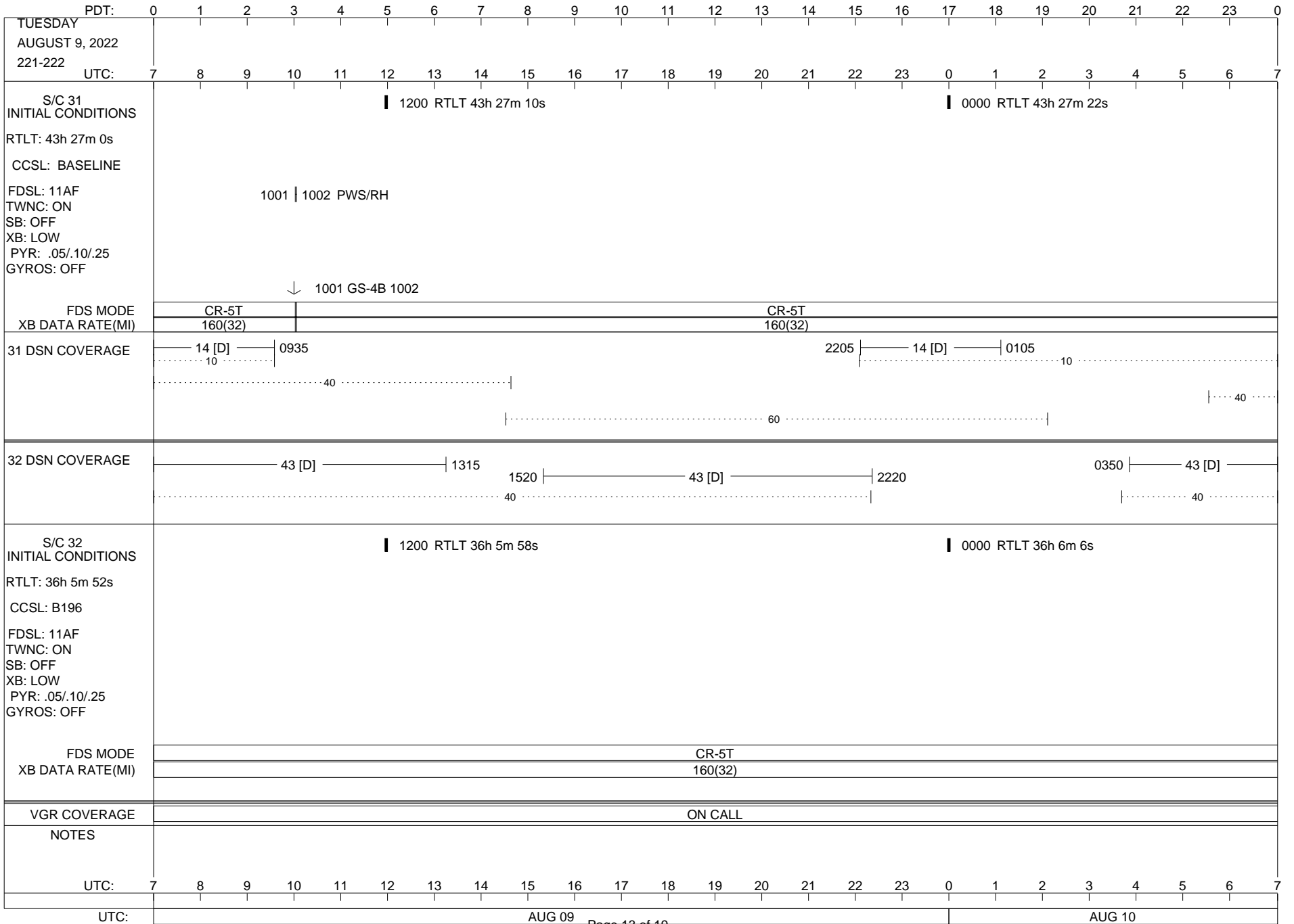


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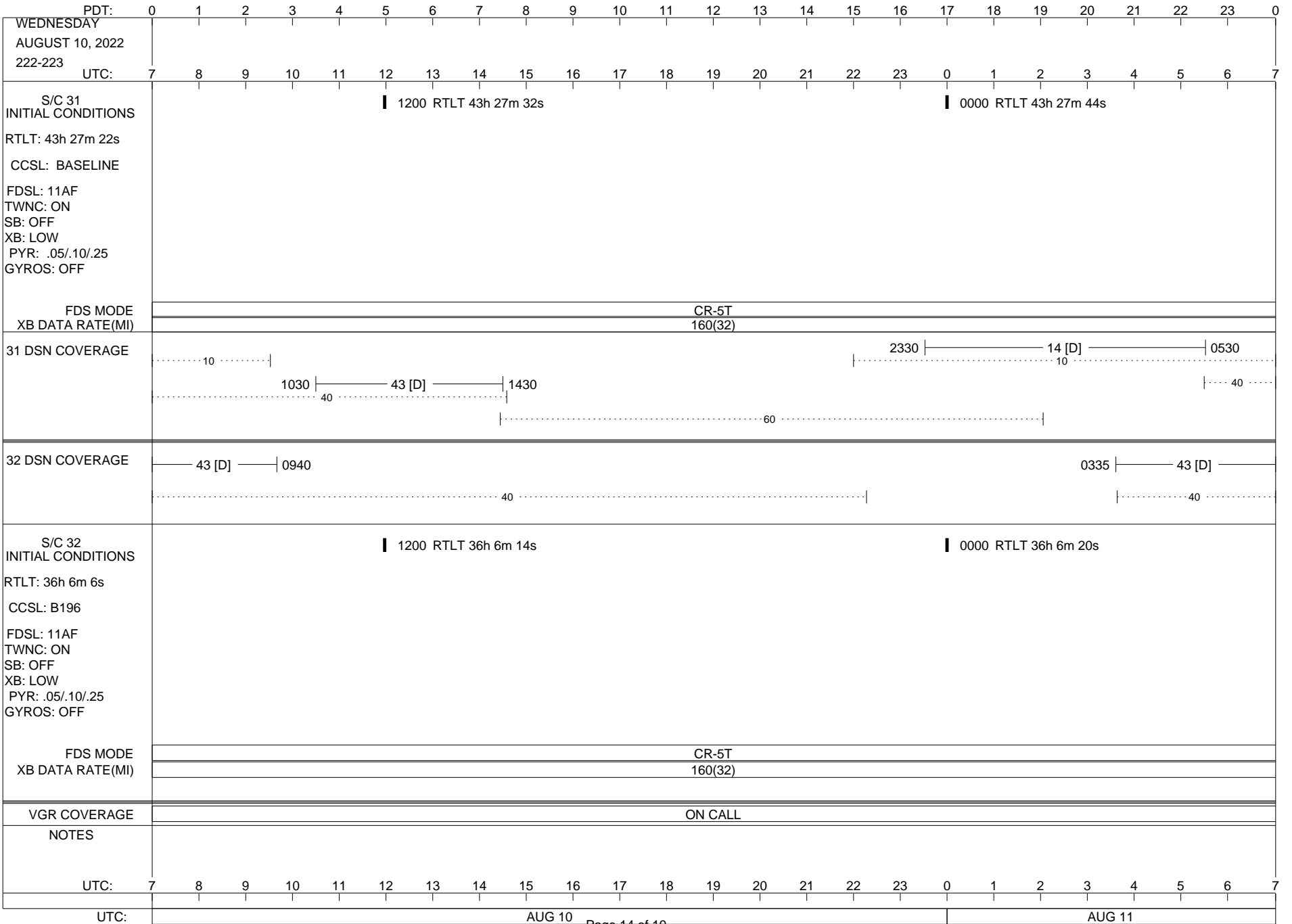
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SUNDAY AUGUST 7, 2022 219-220	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 43h 26m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 26m 26s												0000 RTLT 43h 26m 38s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	14 [D]   0940 .....  .....40 .....												0100   14 [D]   0525 ..... ..... ..... .....10 .....													
	1440   63 [D]   2310 ..... ..... ..... .....60 .....																									
32 DSN COVERAGE	1135   43 [D]   1700 ..... ..... ..... .....40 .....												0520   43 [o1]   ..... ..... ..... .....40 .....													
S/C 32 INITIAL CONDITIONS RTLT: 36h 5m 22s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 5m 30s												0000 RTLT 36h 5m 36s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] B197 BACKUP U/L TRACK																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	AUG 07														AUG 08											

ISSUE DATE: 08/03/22 12:37

PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
MONDAY AUGUST 8, 2022 220-221																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 43h 26m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 26m 48s												0000 RTLT 43h 27m 0s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	..... 10 .....												..... 0005  ----- 14 [D] -----													
	..... 40 .....												..... 10 .....													
	..... 60 .....												..... 40 .....													
32 DSN COVERAGE	----- 43 [o1] -----  1020												43 [D] 0630  -----													
	..... 40 .....												..... 40 .....													
S/C 32 INITIAL CONDITIONS RTLT: 36h 5m 36s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 5m 44s												0000 RTLT 36h 5m 52s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	AUG 08													AUG 09												



ISSUE DATE: 08/03/22 12:37





ISSUE DATE: 08/03/22 12:37

PDT: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

THURSDAY  
AUGUST 11, 2022  
223-224

UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

S/C 31  
INITIAL CONDITIONS  
RTLTL: 43h 27m 44s  
CCSL: BASELINE  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLTL 43h 27m 54s

0000 RTLTL 43h 28m 6s

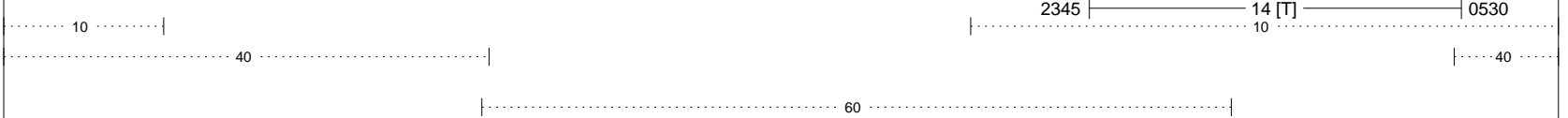
0240 CCS DIAG (22:08)

U/L 0305 | - | - TLC (SHORT-FORM) -

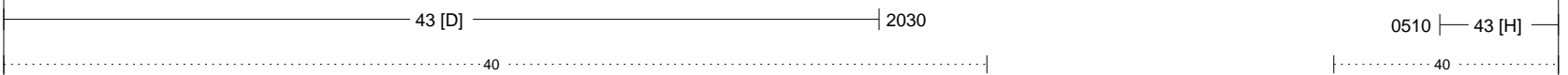
FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32  
INITIAL CONDITIONS  
RTLTL: 36h 6m 20s  
CCSL: B196  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLTL 36h 6m 28s

0000 RTLTL 36h 6m 36s

SHUNT POWER TEST (19:02) 0655

FDS MODE  
XB DATA RATE(MI)

CR-5T  
160(32)

VGR COVERAGE

ON CALL

VGR

ON CALL

VGR

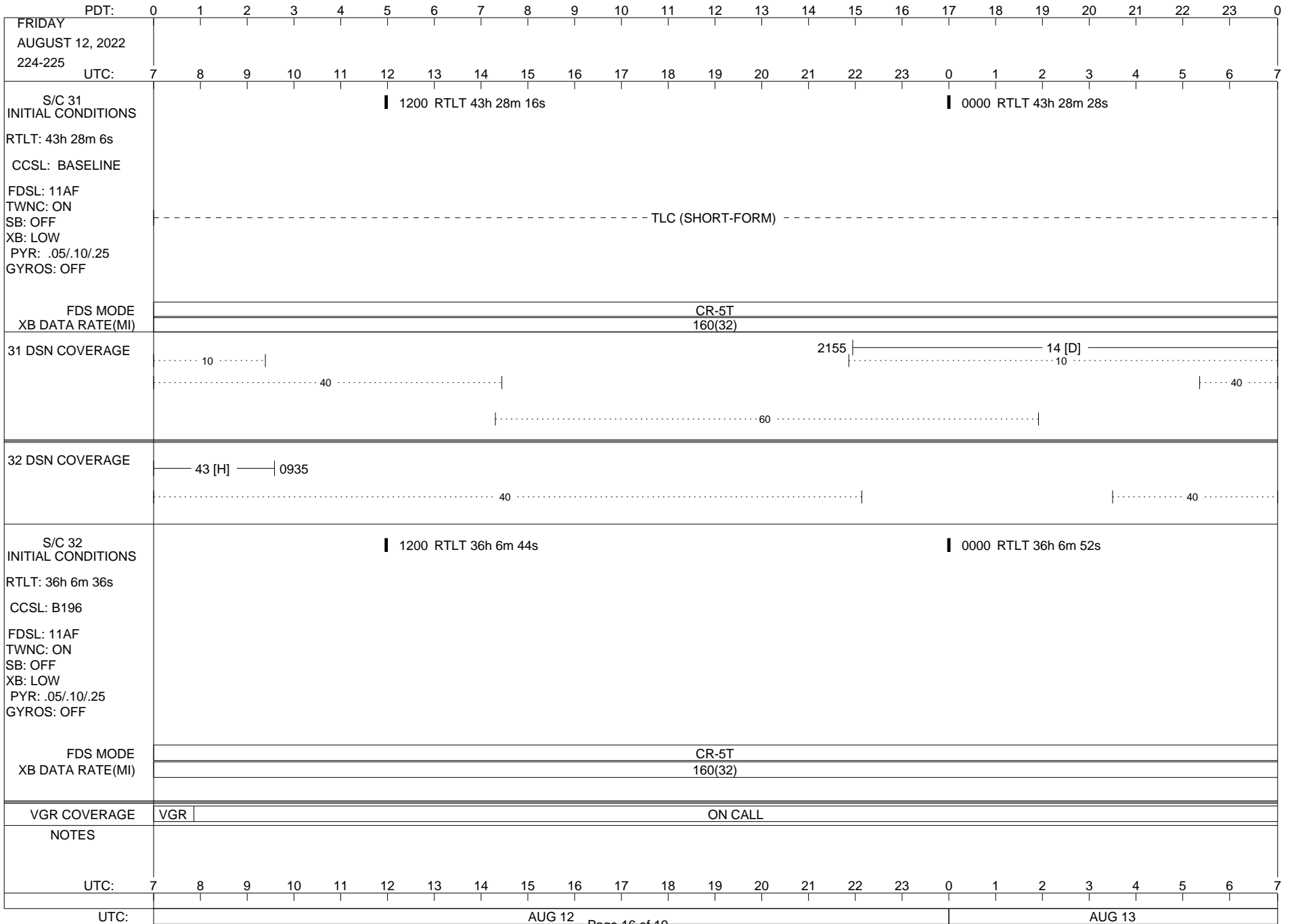
NOTES

[1] DSS-43 DRV ON >= 05:05

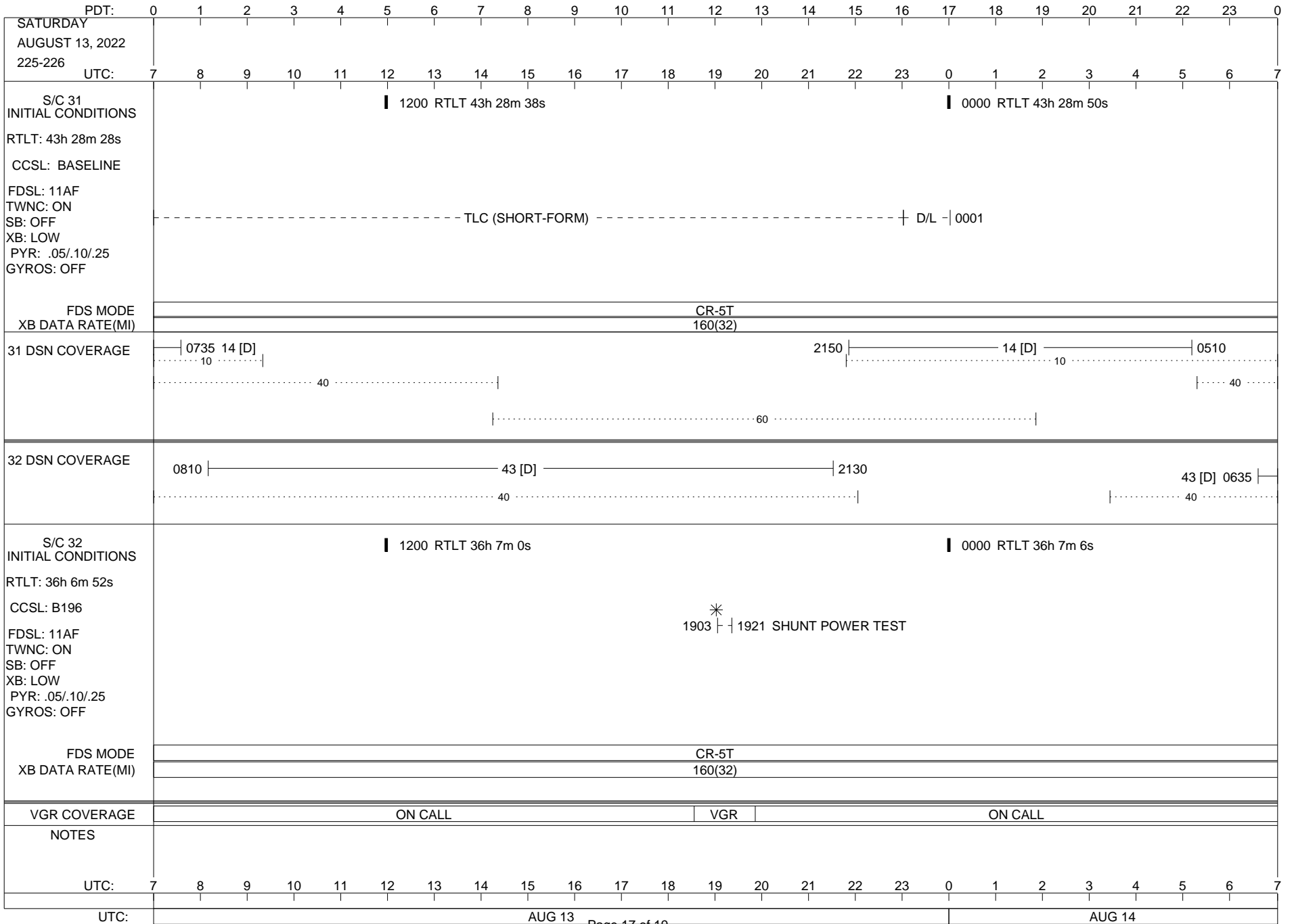
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UTC: AUG 11 Page 15 of 19 AUG 12

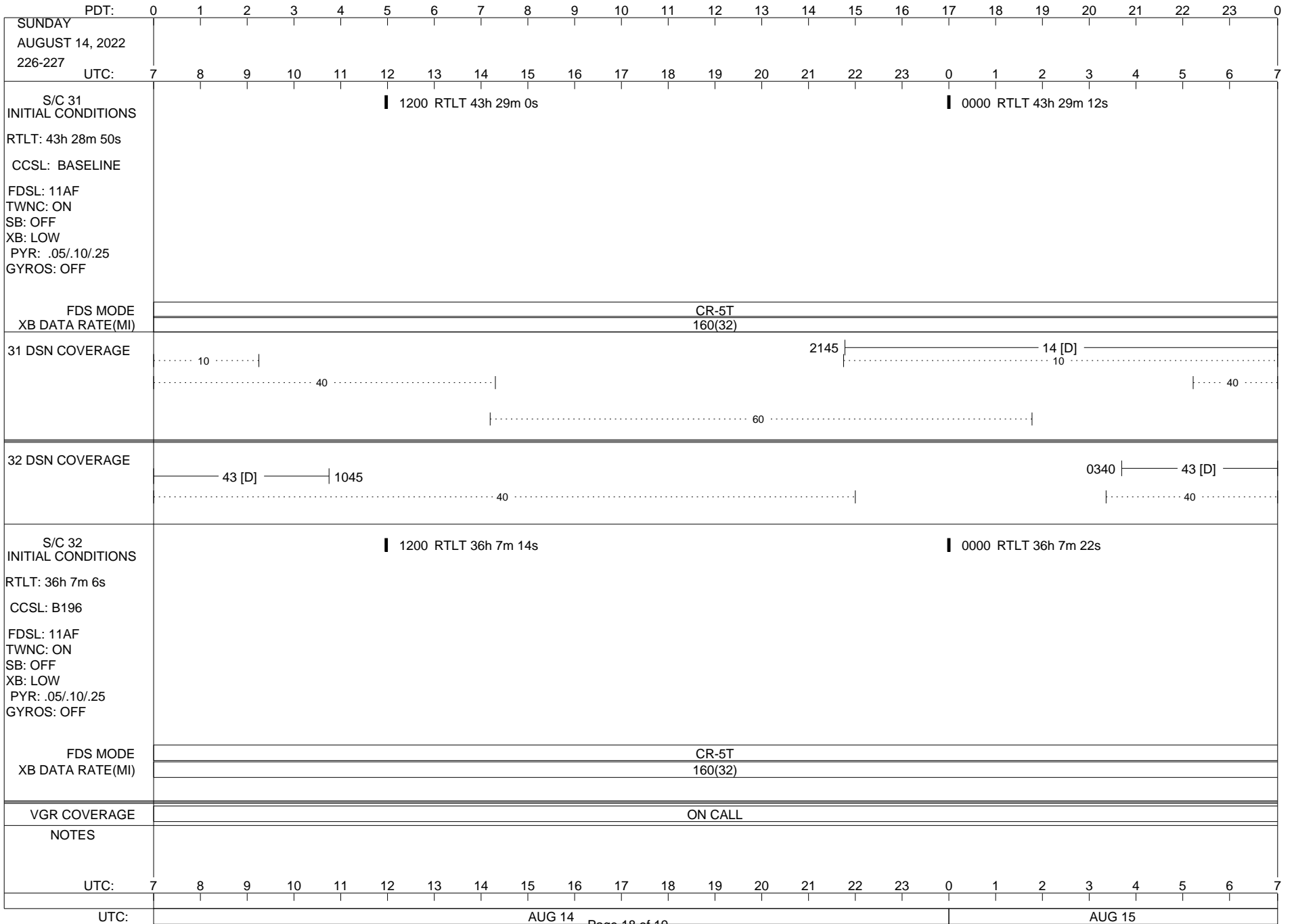
ISSUE DATE: 08/03/22 12:37



ISSUE DATE: 08/03/22 12:37



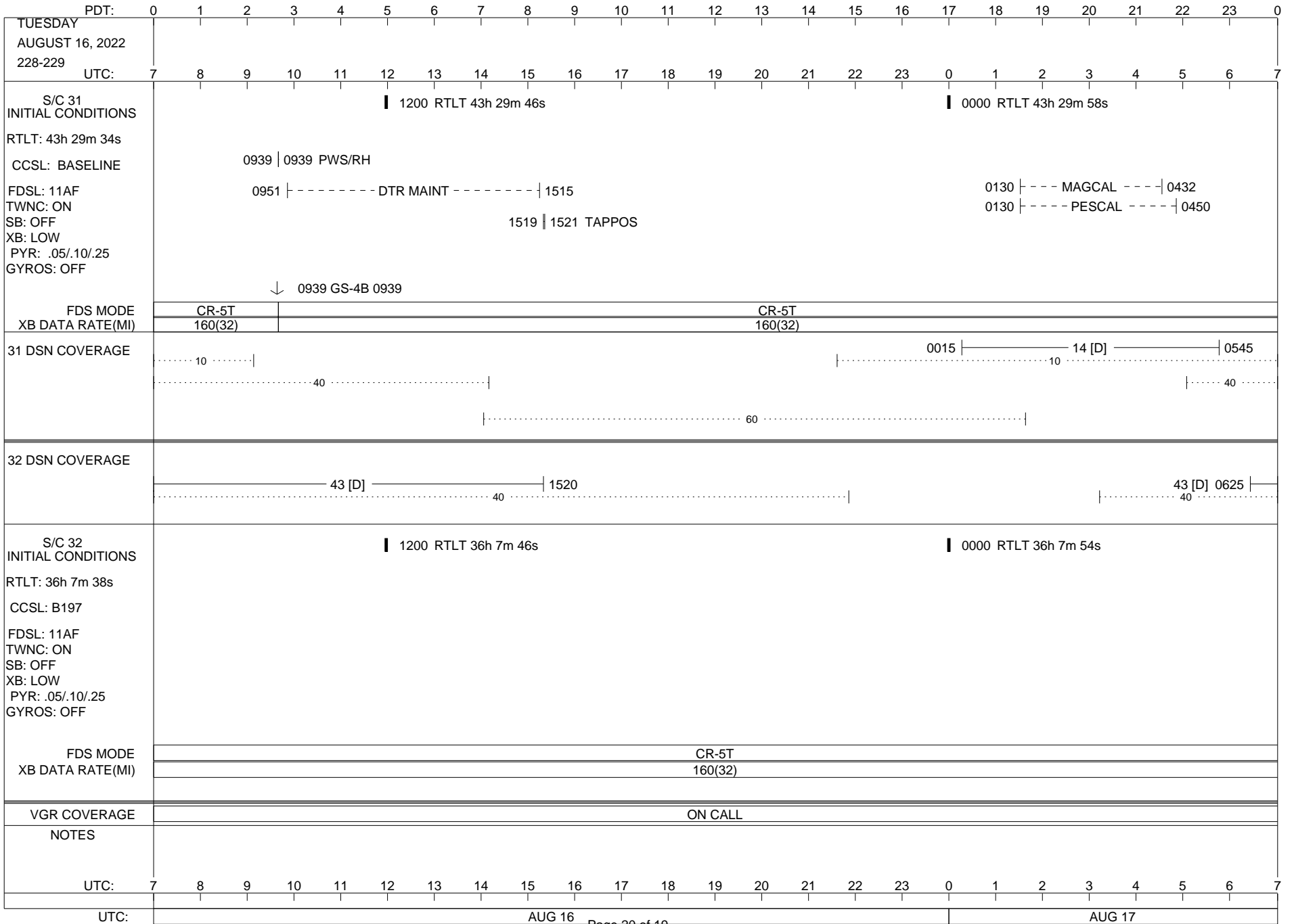
ISSUE DATE: 08/03/22 12:37



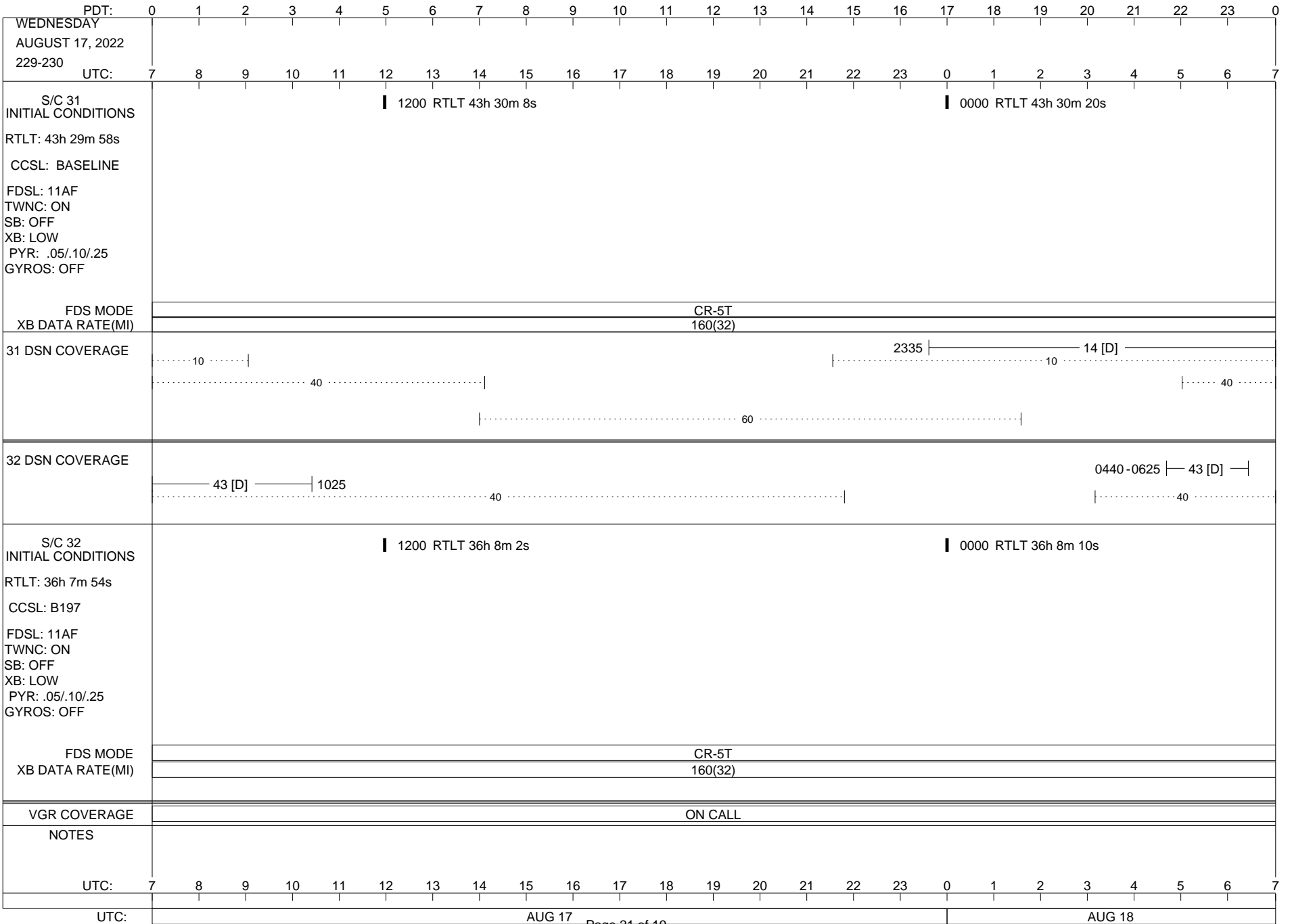
ISSUE DATE: 08/03/22 12:37

PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
MONDAY AUGUST 15, 2022 227-228																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 43h 29m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 29m 24s												0000 RTLT 43h 29m 34s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	0715 14 [D]   ..... 10 .....										2140  ----- 14 [D] -----  0435  ----- 10 -----  ..... 40 .....															
32 DSN COVERAGE	43 [D]  ----- 0950   ..... 40 .....										----- 43 [D] 0630   ..... 40 .....															
S/C 32 INITIAL CONDITIONS RTLT: 36h 7m 22s CCSL: B196 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 7m 30s												0000 RTLT 36h 7m 38s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE	ON CALL																									
NOTES																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	AUG 15													AUG 16												

ISSUE DATE: 08/03/22 12:37



ISSUE DATE: 08/03/22 12:37



ISSUE DATE: 08/03/22 12:37

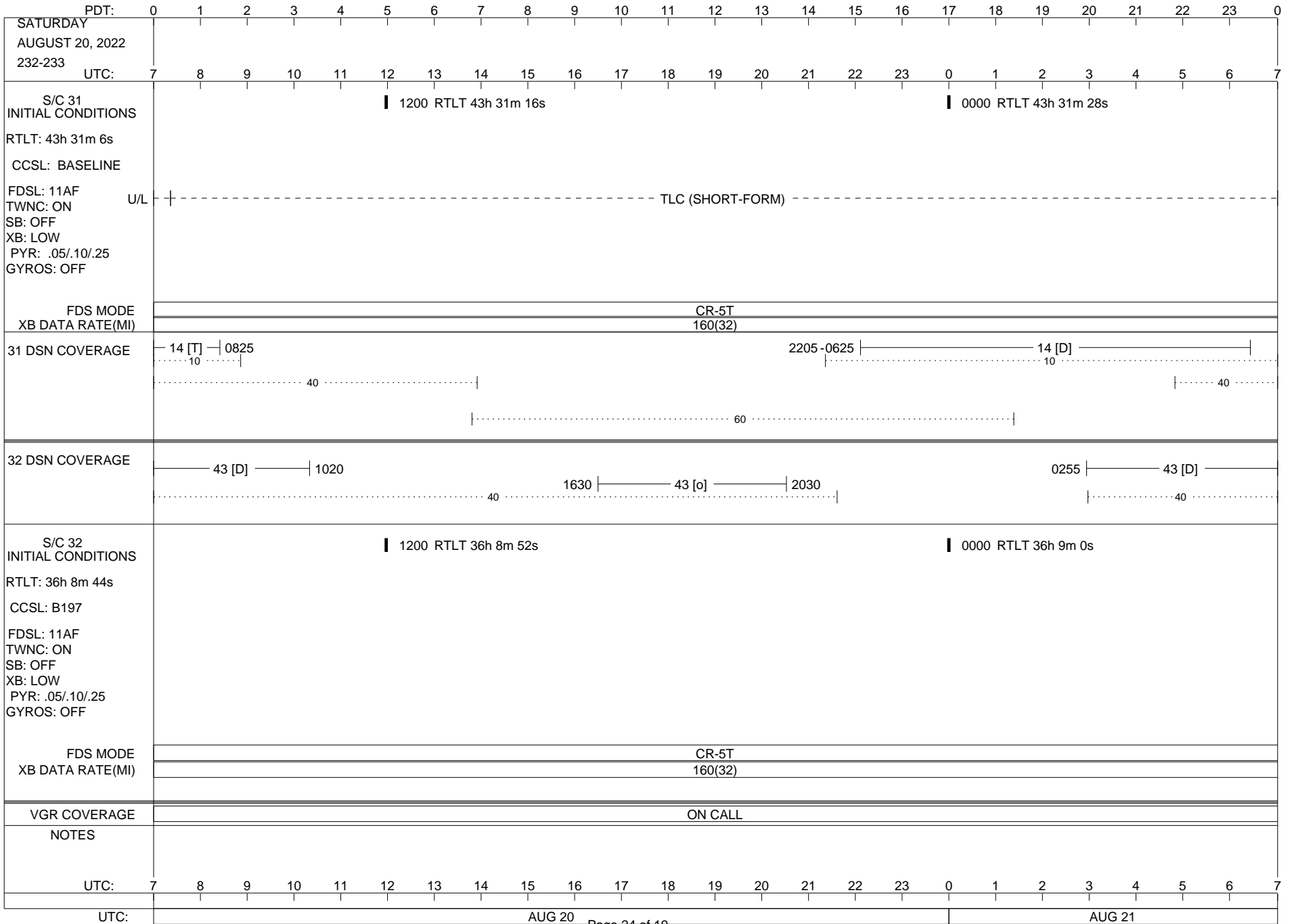
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THURSDAY AUGUST 18, 2022 230-231																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 43h 30m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 30m 32s												0000 RTLT 43h 30m 42s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	0705 14 [D] 10												2330 14 [D] 10 0330												
	40												40												
	60																								
32 DSN COVERAGE	0915 43 [D] 1330 40												0500 43 [B] 40												
S/C 32 INITIAL CONDITIONS RTLT: 36h 8m 10s CCSL: B197 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 8m 20s												0000 RTLT 36h 8m 28s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																				VGR				
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	AUG 18												AUG 19												



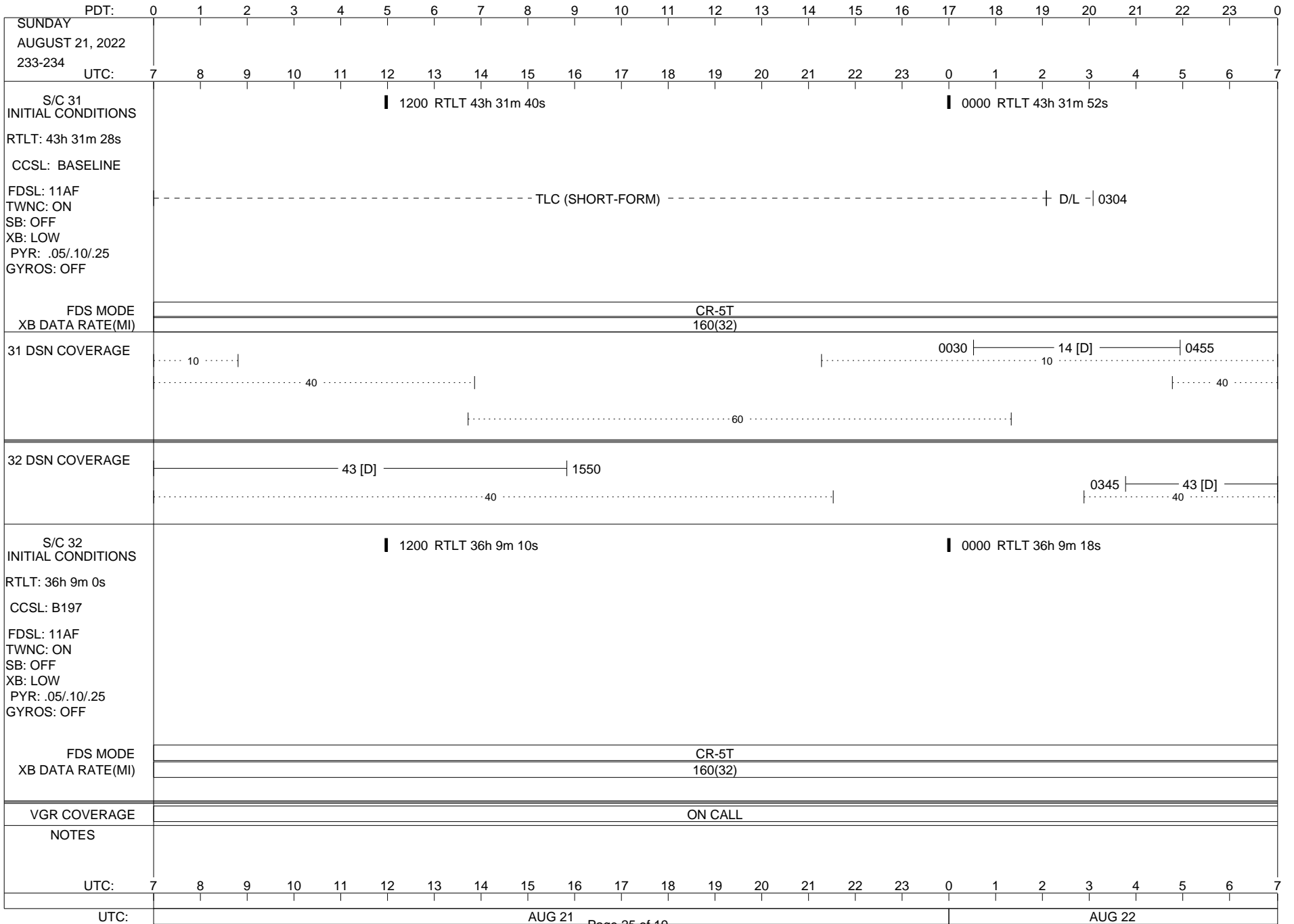
ISSUE DATE: 08/03/22 12:37

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FRIDAY AUGUST 19, 2022 231-232																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 43h 30m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200												0000							
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 36h 8m 28s CCSL: B197 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200												0000							
FDS MODE																									
XB DATA RATE(MI)																									
VGR COVERAGE																									
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:																									

ISSUE DATE: 08/03/22 12:37



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